

Chief Secretary's Office, Adelaide, March 21st, 1899.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

*Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of January, 1894-99.*

Years .....	1894.	1895.	1896.	1897.	1898.	Average of Five Years.	1899.										Total for 1899.	
*Population, Jan. 1st	341,978	347,720	352,653	355,286	358,224		362,897											
Births.....	872	864	813	743	783	815	766										766	
Rate per cent. ....	.255	.248	.231	.209	.219	—	.211											
<i>Deaths--</i>																		
All causes .....	435	326	442	290	506	400	437	116	56	41	58	54	86	26	—	42	11	437
Rate per cent. ....	.127	.094	.125	.082	.141	—	.120	—	—	—	—	—	—	—	—	—	—	
<i>Diseases--</i>																		
I. Specific Febrile or Zymotic ..	101	60	92	40	80	—	93	34	20	12	15	5	7	—	—	—	—	
II. Parasitic .....	3	1	—	2	—	—	1	—	—	—	—	—	1	—	—	—	—	
III. Dietic .....	7	4	3	6	5	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	65	51	66	40	70	—	65	4	5	7	20	14	13	2	—	—	—	
V. Developmental..	45	24	46	32	45	—	40	9	—	—	—	—	14	17	—	—	—	
VI. Local .....	165	121	165	134	200	—	180	41	24	16	20	28	45	6	—	—	—	
VII. Violence .....	26	33	27	20	75	—	28	7	3	6	2	4	5	1	—	—	—	
VIII. Ill-defined and not specified causes .....	23	32	43	16	31	—	30	21	4	—	1	3	1	—	—	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines. + Including inquests. † Not certified by qualified practitioners.

*Causes of Deaths registered in the Month of January, 1899.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.					
Measles .....	2	9	Premature birth .....	7	—	Diseases of locomotive sys- tem .....	—	2
Scarlet fever .....	—	1	Cyanosis .....	2	—	Diseases of integumentary system .....	—	1
Relapsing fever .....	—	—	Congenital defects .....	—	—	VII. (Accident.)		
Influenza .....	—	7	Old age .....	—	31	Fracture and contusion....	—	3
Whooping-cough .....	15	10	VI.			Gunshot wound .....	—	—
Diphtheria .....	—	1	Apoplexy .....	—	11	Cut, stab .....	—	—
Simple and ill-defined fever..	1	—	Epilepsy .....	—	2	Burn and scald .....	—	3
Enteric fever .....	—	22	Convulsions .....	10	3	Poison .....	—	—
Simple cholera .....	—	—	Other diseases of brain and nervous system .....	5	25	Drowning .....	—	4
Diarrhoea, dysentery .....	16	5	Diseases of organs of special sense .....	1	—	Suffocation .....	—	—
Remittent fever .....	—	—	Diseases of circulatory sys- tem .....	1	31	Otherwise .....	7	8
Venereal affections..	—	1	Croup .....	—	—	(Homicide.)		
Erysipelas .....	—	—	Bronchitis .....	6	6	Murder and manslaughter.. (Suicide.)	—	—
Pyæmias and septicæmia .....	—	2	Pneumonia .....	7	18	Gunshot wound .....	—	—
Puerperal fever .....	—	1	Pleurisy .....	—	3	Cut, stab .....	—	1
Other zymotic diseases .....	—	—	Other diseases of respiratory system .....	2	3	Poison .....	—	1
II.			Dentition .....	2	1	Drowning .....	—	—
Thrush .....	—	—	Quinsy, sore throat .....	—	—	Hanging .....	—	1
Worms and other parasitical diseases .....	—	1	Enteritis .....	6	6	Otherwise .....	—	—
III.			Peritonitis .....	—	4	(Execution.)		
Privation—want of breast milk	—	—	Diseases of liver .....	—	4	Hanging .....	—	—
Alcoholism .....	—	—	Other diseases of digestive system .....	1	6	VIII.		
IV.			Diseases of lymphatic sys- tem and of ductless glands	—	—	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Diseases of urinary system	—	12	Debility, atrophy, inanition	21	6
Rheumatism .....	—	—	Diseases of generative sys- tem .....	—	1	Mortification .....	—	—
Gout .....	—	—	Accidents of childbirth....	—	—	Tumor .....	—	—
Cancer, malignant disease .....	—	19				Abscess .....	—	—
Tubes mesenterica .....	3	1				Hæmorrhage .....	—	—
Tubercular meningitis .....	1	4				Sudden, cause unascertained	—	—
Phthisis .....	—	24				Other ill-defined and not specified causes .....	—	3
Scofula, tuberculosis .....	—	8						
Other constitutional diseases..	—	5						

## Return of Births and Deaths registered in the City of Adelaide in the Month of January, 1894-99.

Years .....	1894.	1895.	1896.	1897.	1898.	Average of Five Years.	1899.										Total for 1899.	
Population, Jan. 1st	39,749	40,167	40,406	40,384	40,475		40,637											
Births .....	95	93	100	94	100	96	91										91	
Rate per cent.....	·239	·231	·247	·233	·247	—	·224											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 6.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries. †Uncertified cases of death.		
All causes .....	68	71	83	58	85	73	92	13	7	9	18	17	24	4	—	2	—	92
Rate per cent.....	·171	·177	·205	·144	·210	—	·226	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	7	11	13	7	10	—	16	5	1	2	7	—	1	—	—	—	—	
II. Parasitic .....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	1	4	2	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	12	14	17	12	16	—	17	—	1	2	5	5	3	1	—	—	—	
v. Developmental...	7	2	4	9	12	—	10	1	—	—	—	—	7	2	—	—	—	
VI. Local .....	33	29	34	24	27	—	43	3	4	5	6	12	12	1	—	—	—	
VII. Violence .....	2	3	4	2	14	—	2	—	1	—	—	—	1	—	—	—	—	
VIII. Ill-defined and not specified causes .....	4	8	9	3	5	—	4	4	—	—	—	—	—	—	—	—	—	

\* Including inquests.

+ Not certified by qualified practitioners.

## Causes of Deaths registered in the Month of January, 1899.

	Under One Year.	One Year and Above.			Under One Year.	One Year and Above.				Under One Year.	One Year and Above.
<b>I.</b>											
Measles .....	—	1	Scrofula, tuberculosis ....	—	—	2	Accidents of childbirth ....	—	—	—	—
Scarlet fever .....	—	—	Other constitutional diseases	—	—	—	Diseases of locomotive system	—	—	—	—
Relapsing fever .....	—	—					Diseases of integumentary system .....	—	—	—	1
Influenza .....	—	1									
Whooping-cough .....	2	1	V.								
Diphtheria .....	—	—	Premature birth .....	1	—		<b>VII. (Accident.)</b>				
Simple and ill-defined fever..	1	—	Cyanosis .....	—	—		Fracture and contusion .....	—	—	—	—
Enteric fever .....	—	6	Congenital defects .....	—	—		Gunshot wound .....	—	—	—	—
Simple cholera .....	—	—	Old age .....	—	9		Cut, stab .....	—	—	—	—
Diarrhoea, dysentery .....	2	—					Burn and scald .....	—	—	—	—
Remittent fever .....	—	—	VI.				Poison .....	—	—	—	—
Venereal affections .....	—	1	Apoplexy .....	—	3		Drowning .....	—	—	—	—
Erysipelas .....	—	—	Epilepsy .....	—	—		Suffocation .....	—	—	—	—
Pyæmia and septicæmia .....	—	1	Convulsions .....	2	—		Otherwise .....	—	—	—	1
Puerperal fever .....	—	—	Other diseases of brain and nervous system .....	—	9		(Homicide.)	—	—	—	—
Other zymotic diseases .....	—	—	Diseases of organs of special sense .....	—	—		Murder and manslaughter .. (Suicide.)	—	—	—	—
<b>II.</b>											
Thrush .....	—	—	Diseases of circulatory system	—	9		Gunshot wound .....	—	—	—	—
Worms and other parasitical diseases .....	—	—	Croup .....	—	—		Cut, stab .....	—	—	—	1
<b>III.</b>											
Privation—want of breast milk	—	—	Bronchitis .....	1	—		Poison .....	—	—	—	—
Alcoholism .....	—	—	Pneumonia .....	—	4		Drowning .....	—	—	—	—
<b>IV.</b>											
Rheumatic fever and rheumatism of heart .....	—	—	Pleurisy .....	—	—		Hanging .....	—	—	—	—
Rheumatism .....	—	—	Other diseases of respiratory system .....	—	1						
Gout .....	—	—	Dentition .....	—	—		<b>VIII.</b>				
Cancer, malignant disease ..	—	7	Quinsy, sore throat .....	—	—		Dropsy .....	—	—	—	—
Tabes mesenterica .....	—	1	Enteritis .....	—	1		Debility, atrophy, inanition ..	—	4	—	—
Tubercular meningitis .....	—	1	Peritonitis .....	—	3		Mortification .....	—	—	—	—
Phthisis .....	—	6	Diseases of liver .....	—	2		Tumor .....	—	—	—	—
			Other diseases of digestive system .....	—	3		Abscess .....	—	—	—	—
			Diseases of lymphatic system and of ductless glands	—	—		Hæmorrhage .....	—	—	—	—
			Diseases of urinary system	—	3		Sudden, cause unascertained	—	—	—	—
			Diseases of generative system	—	1		Other ill-defined and not specified causes .....	—	—	—	—

Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of January, 1899.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	40,637	6,189	7,079	8,691	10,077	3,650	4,951
Persons to an acre .....	11.2	10.8	10.7	15.7	14.0	7.6	7.6
Births .....	91	7	13	30	24	7	10
Male .....	45	5	5	15	12	5	3
Female .....	46	2	8	15	12	2	7
Deaths .....	71	19	7	14	13	6	12
Male .....	37	10	4	9	5	2	7
Female .....	34	9	3	5	8	4	5
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	13	3	2	2	2	2	2
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases.....	—	—	—	—	—	—	—
IV. Constitutional Diseases .....	13	3	—	3	3	—	4
V. Developmental Diseases .....	10	5	1	1	—	1	2
VI. Local Diseases .....	30	6	4	7	7	3	3
VII. Violence.....	1	—	—	—	—	—	1
VIII. Ill-defined and not specified causes .....	4	2	—	1	1	—	—
Percentage of Deaths to population of each Ward .....	·175	·307	·099	·161	·129	·167	·242

Causes of Deaths registered in the Month of January, 1899.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.								
Measles .....	—	1	Phthisis.....	—	6	Accidents of childbirth .....	—	—
Scarlet fever .....	—	—	Serofula, tuberculosis .....	—	1	Diseases of locomotive system .....	—	—
Relapsing fever .....	—	—	Other constitutional diseases.....	—	—	Diseases of integumentary system .....	—	1
Influenza .....	—	1						
Whooping-cough .....	2	1	V.					
Diphtheria .....	—	—	Premature birth .....	1	—	VII.		
Simple and ill-defined fever ..	1	—	Cyanosis .....	—	—	(Accident.)		
Enteric fever .....	—	3	Congenital defects .....	—	—	Fracture and contusion .....	—	—
Simple cholera .....	—	—	Old age .....	—	9	Gunshot wound .....	—	—
Diarrhoea, dysentery .....	2	—				Cut, stab .....	—	—
Remittent fever .....	—	—	VI.			Burn and scald .....	—	—
Venereal affections .....	—	1	Apoplexy .....	—	3	Poison .....	—	—
Erysipelas .....	—	—	Epilepsy .....	—	—	Drowning .....	—	—
Pyæmia and septicæmia .....	—	1	Convulsions .....	2	—	Suffocation .....	—	—
Puerperal fever .....	—	—	Other diseases of brain and nervous system .....	—	9	Otherwise .....	—	1
Other zymotic diseases .....	—	—	Diseases of organs of special sense .....	—	—	(Homicide.)		
II.			Diseases of circulatory system .....	—	4	Murder and manslaughter .....	—	—
Thrush .....	—	—	Croup .....	—	—	(Execution)		
Worms and other parasitical diseases .....	—	—	Bronchitis .....	1	—	Hanging .....	—	—
III.			Pneumonia .....	—	2	(Suicide.)		
Privation — Want of breast milk .....	—	—	Pleurisy .....	—	—	Gunshot wound .....	—	—
Alcoholism .....	—	—	Other diseases of respiratory system .....	—	—	Cut, stab .....	—	—
IV.			Dentition .....	—	—	Poison .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	—
Rheumatism .....	—	—	Enteritis .....	—	1	Hanging .....	—	—
Gout .....	—	—	Peritonitis .....	—	2	Otherwise .....	—	—
Cancer, malignant disease ..	—	4	Diseases of liver .....	—	1	VIII.		
Tabes mesenterica .....	—	1	Other diseases of digestive system .....	—	2	Dropsey .....	—	—
Tubercular meningitis .....	—	1	Diseases of lymphatic system and of ductless glands .....	—	—	Debility, atrophy, inanition .....	4	—
			Diseases of urinary system .....	—	2	Mortification .....	—	—
			Diseases of generative system .....	—	—	Tumor .....	—	—
						Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained .....	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLiffe, Registrar of Births and Deaths.

## JANUARY, 1899.

The highest temperature in the shade at the Adelaide Observatory during the month was  $105^{\circ}1$  on the 15th; and the lowest,  $48^{\circ}9$ , on the 23rd and 31st. The mean temperature of the month was  $67^{\circ}0$ .

The greatest range of the thermometer in one day,  $45^{\circ}9$ , took place on the 15th, viz., from a maximum of  $105^{\circ}1$  to a minimum of  $59^{\circ}2$ ; the lowest range,  $13^{\circ}6$ , on the 20th.

The mean height of the barometer was 29.772 inches; the maximum, 30.178 inches, occurred on the 31st; and the minimum, 29.090 inches, on the 18th.

Observatory, Adelaide, February 8th, 1899.

C. Todd, Observer.